

The Zoological Press Bulletin of the Division of Zoology, Pennsylvania Department of Agriculture. Timely Topics of Plants and Pests Discussed Weekly. By H. A. Surface, State Zoologist.

A SENSATIONAL REPORT SHOWN UP The sudden death of George Hobson at West Grove, Pa., was alleged to have been due to eating grapes which were sprayed with arsenate of lead, or some other poison. John Wilson, the grower of the suspected fruit, insisted that the vines had not been sprayed at all. Nevertheless, the report was sent broadcast that poisoned grapes had caused Hobson's death.

Professor H. A. Surface, State Zoologist, Harrisburg, wrote to the West Grove postmaster, requesting that a sample of the suspected fruit be sent him for analysis, and further stating that a report like this had a hurtful effect among fruit growers, as it tended to check necessary spraying, which is entirely harmless.

The analysis showed that there was no cause to attribute Hobson's death to having eaten grapes which had been sprayed with an arsenical poison, and, in reference thereto, Professor Surface wrote to the postmaster at West Grove as follows:

Dear Sir: I beg to say that I duly received the box of grapes which you sent me, and had them tested by a chemical expert, and found no trace of arsenical or other poison present. I can not believe that they were injured by poisonous sprays. There is nothing whatever to substantiate the theory. Had there been any poison present it would have been there on the grape berries and stems. Thanking you for your interest in this feature, which I consider but calumny against the justifiable art of spraying, I beg to remain,

Very truly yours, H. A. SURFACE, Economic Zoologist.

ABOUT DIAGNOSING TREE AILMENTS. Many of the requests for information in regard to trees and their ailments that are received by State Zoologist H. A. Surface, Harrisburg, are not definite enough, and it is difficult to give the proper remedies in consequence of not having sufficient information.

A manufacturer of Hanover, Pa., wrote to Professor Surface, inquiring what to do for the trees in his garden—pear, plum, cherry, quince and apricot,—which are suffering, and apparently dying. Following is the Professor's answer, and it will be well for those intending to write for information concerning their trees to observe the instructions given:

"Replying to your letter as to what to do for your fruit trees, I beg to say that the remedy depends upon the kind of disease or trouble. I would strongly suspect that your trees are infested with San Jose scale, but I am not sure of this. The scale attacks all varieties which you mention, and it will certainly make them look sickly, and worse within a very few years. If you will send me some twigs from your trees, I can examine them, and if the trouble be San Jose scale I can let you know exactly about this. I can then tell you just how and when to treat them. You are at liberty to write to the Orchard Inspector for your county, asking him to stop and see your trees at any time when he is in your neighborhood. He will doubtless let you know when his business will take him there.

"If I am passing that way soon, I can come personally to see your trees, but I think the first thing is for you to send me some of the twigs, and if they have scale, or any evidence of plant disease, which can be detected by an examination of them, I can give you the diagnosis and outline the remedy. This will answer the same purpose as though I, or one of my inspectors, would take the time to come and see them. Please be sure to put your name on or in the package, which may be sent to me by mail."

COST OF A SPRAYING OUTFIT. The Master of a Grange, located in Jefferson county, wrote to Professor H. A. Surface, the State Zoologist, Harrisburg, Pa., for information as to the cost of a spraying outfit. He mentioned a double-acting sprayer with 25 feet of hose and a ten-foot extension pole, as about the kind of an outfit that the members of his Grange would want. As different members had determined to procure the necessary apparatus for spraying their trees, the information was requested to be given before the next meeting of the Grange.

The cost of spraying apparatus is a question which has agitated quite a good many farmers, some of whom have deferred caring for their trees and permitted the San

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Relieves Urinary and Kidney Troubles, Backache, Straining, Swelling, Etc.

STOPS PAIN IN THE BLADDER, KIDNEYS AND BACK.

Wouldn't it be nice within a week or so to begin to say goodbye forever to the scalding, dribbling, straining, or too frequent passage of urine, the forehead and the back-of-the-head aches, the stitches and pains in the back, the growing muscle weakness, spots before the eyes, yellow skin, sluggish bowels, swollen eyelids or ankles, leg cramps, unnatural short breath, sleeplessness and the despondency?

I have a recipe for these troubles that you can depend on, and if you want to make a quick recovery, you ought to write and get a copy of it. Many a doctor would charge you \$3.50 just for writing this prescription, but I have it and will be glad to send it to you entirely free. Just drop me a line like this: Dr. A. E. Robinson, 4425 Luck Building, Detroit, Mich., saying what you suffer from, and I will send the recipe by return mail in a plain envelope. As you will see when you get it, this recipe contains only pure, harmless remedies, but it has a great healing and pain-conquering power.

It will quickly show its power once you use it, so I think you had better see what it is without delay. I send you a copy free—you can use it and cure yourself at home.

Jose scale to do great damage, because of the idea that an outfit is expensive. The letter of Professor Surface, therefore, in reply to the one received from the Grange, will be of general interest. Following is a copy of the letter:

"Replying to your recent letter, I think you can get a spraying outfit such as you mention for about fifteen or sixteen dollars. I would recommend the following as a complete outfit with the pump; two 12 1/2 ft. sections of hose (making twenty-five feet) with hose connections complete; a 10 foot pole, or extension rod; a stop-cock or shut-off at the pump, and another between the hose and extension rod; an eighth-turn to go on the far end of the extension rod; a 'Y' attachment which will carry two nozzles; and two good large nozzles of the 'Mistry Jr.' or 'Friend' or 'Brown' type. I believe that the upright lever sprayer will prove more satisfactory than the ordinary barrel pump. It will not cost much more, and will give higher and even pressure, with less labor. You can buy such apparatus from various firms, as, for instance: The Goulds Mfg. Co., Seneca Falls, N. Y.; The Deming Co., Salem, O.; The Field Force Pump Co., Elmira, N. Y.; The Spray-Motor Co., Buffalo, N. Y.; Morrill and Morley, Benton Harbor, Mich.; E. C. Brown & Co., Rochester, N. Y.; F. E. Myers & Bro., Ashland, O.; and other reliable firms who are advertising in the various horticultural and agricultural papers. I would recommend that you communicate with each of these immediately and obtain prices, and, if possible, get Grange Club prices, which will doubtless give you very considerable discount.

"Any agricultural or horticultural organization can obtain from those companies giving them, the Grange discounts mentioned above."

NASAL CATARRH, an inflammation of the delicate membrane lining the air-passages, is not cured by any mixtures taken into the stomach. Don't waste time on them. Take Ely's Cream Balm through the nostrils, so that the fevered, swollen tissues are reached at once. Never mind how long you have suffered nor how often you have been disappointed, we know Ely's Cream Balm is the remedy you should use. All druggists, 50c. Mailed by Ely Bros., 56 Warren Street, New York.

To Try Big Gun. The new 14-inch gun, built at the Washington Arsenal as a test gun exclusively, will be tried out at the Indian Head, Md., proving ground to determine whether it is superior to the 12-inch gun, the heaviest now in use in the American navy.

The gun is fifty-three feet long. It weighs nearly sixty-four tons. The projectile which it will fire weighs 1,450 pounds, nearly double the weight of the projectile of the 12-inch gun. The range is about equal to that of the twelve. Its muzzle energy is 65,600 foot tons and the impact with which it attacks its target is sufficient to furnish a penetration through Harvey-ized steel 1 1/2 inches deeper than the older gun.

None of the great battleships now in course of construction will be equipped with fourteens.

CASTORIA For Infants and Children. The Kind You Have Always Bought Bears the Signature of J. C. Watson

FEBRUARY JURORS.

Jury Commissioners and Sheriff Drew Names for Next Session of Court.

Sheriff C. B. Eot, and Jury Commissioners A. C. Hilday and James Trump drew the jurors for February court on Monday. This is the last time Mr. Trump will act, as his term of office expires this year. Mr. Hilday will succeed himself.

The jurors drawn are as follows:

GRAND JURORS. First Monday in February. E. D. Geen, —Berwick; Frank G. Bennett, —Briarereek; Earl Brown, —Main; Aaron Hartman, —Hemlock; John Crawford, —Berwick; Charles E. Eek, —Montour; John Waniel, —Scott; Wesley Davis, —Benton Twp.; O. W. Larish, —Sugarloaf; C. O. Maust, —Madison; Boyd Vance, —Orange; E. E. Hagenbuch, —Scott; Thos. M. Lynn, —Briarereek; C. A. Wesley, —Stillwater; Wm. Achenbach, —Bloom; William Edwards, —Centre; Orville Meeker, —Sugarloaf; Frank Meyers, —Sugarloaf; R. H. Bardo, —Greenwood; Charles Artley, —Cleveland; Leander Fetterman, —Loeast; Geo. Reinard, —West Berwick; Jacob R. Moser, —Conyngham.

SMALL JURORS. First Tuesday in February. David Howell, —Mt. Pleasant; D. F. Mordan, —Mt. Pleasant; David E. Yeager, —Loeast; Howard Greenley, —Berwick; Calvin P. Blecker, —Montour; T. E. Brittain, —Benton; G. C. Fenst, —Berwick; Samuel W. Ikeler, —Berwick; Wesley Morris, —Greenwood; E. W. Greenley, —Greenwood; Samuel H. Mordau, —Madison; Isaac Fetterman, —Conyngham; Wesley Fairchilds, —West Berwick; G. P. Davis, —Bloom; R. H. Hess, —Berwick; Sylvester Beaver, —Conyngham; Clem Martey, —Berwick; Frank S. Leighton, —Centre; F. E. Boice, —Berwick; Thomas Merrell, —Scott; A. L. Fritz, —Sugarloaf; Jacob Getty, —Centralia; Henry S. Keck, —Berwick; E. R. Wilson, —Benton Twp.; J. H. Shales, —Berwick; J. Lawrence, —Montour; D. J. Hammer, —Bloom; Wm. Elmes, Sr., —Berwick; Wm. C. Hartman, —Scott; C. E. Blame, —Berwick; W. E. Rough, —Berwick; Zehnder Low, —Orange; M. E. Ervin, —Catawissa; John J. Rielly, —Centralia; John Waters, —Catawissa; William Singleton, —Conyngham.

CIVIL COURT JURORS. Second Tuesday in February. S. T. Pollock, —Berwick; E. Ward Ritter, —Bloom; Boyd M. Freas, —Briarereek; J. P. Creasy, Jr., —Fishingreef; Edward Hartman, —Madison; Albert Low, —Montour; Charles A. Shaffer, —Berwick; Thomas Morton, —Berwick; C. R. Pealer, —Fishingreef; G. W. Hartman, —Hemlock; I. Neal Maust, —Hemlock; Harry Fahringer, —Berwick; Wesley Bowler, —Briarereek; James Walters, —Bloom; I. B. Ikeler, —Greenwood; William Rupp, —Berwick; Ezra Yeom, —Cleveland; David Fisher, —Bloom; Wm. Watkins, —Franklin; W. R. Ringrose, —Bloom; R. B. Smith, —Catawissa; D. C. Yeom, —Loeast; Clarence Trumbley, —Centre; Peter Shultz, —Sugarloaf; Aaron Kester, —Millville; William Harry, —Berwick; T. L. Keifer, —Berwick; Joseph G. Swank, —Millin; Sanson Townsend, —Mt. Pleasant; Ernest Kline, —Pine; Albert Fetterolf, —Conyngham; Elmer Klinger, —Berwick; W. W. Karshner, —Greenwood; Charles Bower, —Berwick; A. C. Fisher, —Montour; P. V. Cloven, —Orange; James Stricker, —Catawissa; John Ash, —Berwick; J. S. Grimes, —Bloom; T. W. Rielly, —Centralia; William H. Utt, —Bloom; M. H. Mensch, —Montour; Chas. Cadman, —Millville; Roger Sheran, —Centralia; Albert Widger, —Briarereek; Edward Kaustenbauer, —Catawissa; James Ruch, —Berwick.

The miracle of the loaves and fishes is more incomprehensible to the baker than to the fisherman.

A \$10 CALF COSTS \$110,000. Of Latter Sum Taxpayers Will Be Let in for \$6,000. Klamath Falls, Ore.—In a few minutes a jury found a verdict for the defendant in the Kelley-Arant damage suit, last of the cases resulting from the criminal prosecution of Jay Arant, who was indicted for the larceny of a calf more than two years ago. Arant was twice tried on a charge of larceny, the first trial resulting in a disagreement, while the second acquitted him.

Three cases resulted over the ownership of the calf. The calf involved in the litigation was worth approximately \$10. The money expended in litigation will aggregate close to \$10,000, and of this amount the taxpayers of the county will be forced to pay not less than \$6,000.

"NO, SIR, THE THIRD," SAID YOUNG MAMMA. Pastor Was Only Inquiring if It Was the Ninth of the Month. Flushing, L. I.—A clergyman, pastor of a popular church here, received as a caller at his parsonage a young matron carrying in her arms a chubby faced youngster.

"I want the baby christened," the mother said. After the ceremony the clergyman started to write out the baptismal certificate required by the Board of Health.

Forgetting for the moment the date of the month, he remarked to the mother: "This is the 9th, isn't it?"

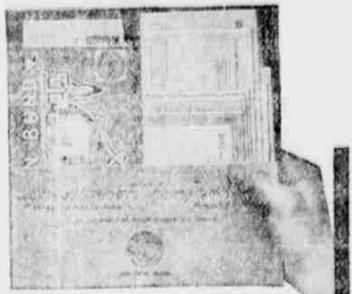
"No, indeed, sir," replied the young matron indignantly, "it's the only the third."

PIN DESTROYS EYESIGHT. Lodges in Pupil When Woman Shakes Dust from Her Skirt. Long Branch, N. J.—Mrs. Wallace Kittel of Glendale has lost the sight of her right eye through a pin that pierced the pupil. Returning from a visit to a niece in Millville she found the skirt she had worn dusty, and gave it a shaking. Suddenly there was a piercing pain in her eye and, reaching up, she pulled out a pin that was deeply imbedded in the pupil.

Suffering great pain, she was hurried to an eye specialist here, but he gave her no hope of ever seeing with the eye again.

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Trolley Time Tables

Cars leave Market Square, Bloomsburg for Berwick:

Table with 3 columns: A. M., P. M., P. M. and times for various routes.

First car leaves Market Square for Berwick on Sunday at 6.50 a. m. * From Power House. * Saturday Night Only.

Cars leave Berwick for Danville:

Table with 3 columns: A. M., P. M., P. M. and times for various routes.

First car leaves Berwick for Danville on Sunday at 8.00 a. m. * Bloomsburg Only. * Saturday Night to Bloomsburg Only.

Cars leave Market Square, Bloomsburg for Danville:

Table with 3 columns: A. M., P. M., P. M. and times for various routes.

First car leaves Market Square for Danville on Sunday at 7.10 a. m. * Saturday Night Only.

Cars leave Danville for Berwick:

Table with 3 columns: A. M., P. M., P. M. and times for various routes.

First car leaves Danville for Berwick on Sunday at 8.00 a. m. * Bloomsburg Only. * Saturday Night to Bloomsburg Only.

Cars leave Market Square, Bloomsburg for Catawissa:

Table with 3 columns: A. M., P. M., P. M. and times for various routes.

First car leaves Market Square for Catawissa on Sunday at 7.00 a. m. * Saturday Night Only. * P. R. R. Connections.

Cars leave Catawissa for Bloomsburg:

Table with 3 columns: A. M., P. M., P. M. and times for various routes.

First car leaves Catawissa for Bloomsburg on Sunday at 7.30 a. m. * Saturday Night Only.

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